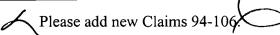
## In the Claims



- 94. (New) The method of Claim 49 wherein said augmenting agent down-regulates a negative effector of CREB pathway function.
- 95. (New) The method of Claim 94 wherein said augmenting agent is a phosphodiesterase inhibitor.
- 96. (New) The method of Claim 57 wherein said augmenting agent down-regulates a negative effector of CREB pathway function.
- 97. (New) The method of Claim 96 wherein said augmenting agent is a phosphodiesterase inhibitor.
- 98. (New) A method of rehabilitating a cognitive deficit associated with a trauma dependent loss of cognitive function from stroke in an animal in need of said rehabilitation comprising the steps of:
  - (a) administering to said animal an augmenting agent which enhances CREB pathway function; and
  - (b) training said animal under conditions sufficient to produce an improvement in performance by said animal of a cognitive task whose deficit is associated with said trauma dependent loss of cognitive function from stroke,
  - whereby said cognitive deficit is rehabilitated.
- 99. (New) The method of Claim 98 wherein a performance gain is achieved relative to the performance of said cognitive task achieved by training alone.



- 100. (New) The method of Claim 98 wherein in step b), training comprises multiple training sessions.
- 101. (New) The method of Claim 98 wherein said augmenting agent is administered before and during each training session.
- 102. (New) The method of Claim 98 wherein said animal is a mammal.
- 103. (New) The method of Claim 102 wherein said mammal is a human.
- 104. (New) The method of Claim 98 wherein said augmenting agent induces CREB-dependent gene expression.
- 105. (New) The method of Claim 104 wherein said augmenting agent down-regulates a negative effector of CREB pathway function.
- 106. (New) The method of Claim 98 wherein said augmenting agent is a phosphodiesterase inhibitor.

## **REMARKS**

## New Claims 94-106

Support for new Claims 94-106 is found throughout the specification, for example, at page 2, lines 14-16; page 3, lines 23-28; page 9, lines 16-18; page 10, lines 24-25; page 11, lines 22-23; page 12, lines 8-13; page 13, lines 9-21; page 13, lines 28-29; page 18, lines 26-27; and page 21, lines 24-25.